

# Oil Field Environmental Incident Summary

**Incident:** 20140402142157      **Date/Time of Notice:** 04/02/2014 14:21

**Responsible Party:** DENBURY ONSHORE, LLC

**Well Operator:** DENBURY ONSHORE, LLC

**Well Name:** AO ERICKSON 3R

**Field Name:** WILEY

**Well File #:** 6517

**Date Incident:** 3/28/2014      **Time Incident:** 10:00

**Facility ID Number:**

**County:** BOTTINEAU

**Twp:** 161

**Rng:** 82

**Sec:** 14

**Qtr:**

**Location Description:** On Highway 5 go to mile marker 239 and go north .25 miles and then west .25 miles. Leak is on north side of road.

Scott Landers was verbally notified of incident.

**Submitted By:** Josh Cuppy

**Received By:**

**Contact Person:** Rick Larson  
5320 LEGACY DR  
PLANO, TX 75024-3127

**General Land Use:** Cultivated

**Affected Medium:** Topsoil

**Distance Nearest Occupied Building:** 1 Mile

**Distance Nearest Water Well:** 1 Mile

**Type of Incident:** Pipeline Leak

**Release Contained in Dike:** No

**Reported to NRC:** No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	3	Barrels	3	Barrels	3	barrels
Other						

**Description of Other Released Contaminant:**

**Inspected:**      **Written Report Received:** 2/17/2016      **Clean Up Concluded:** 5/4/2015

**Risk Evaluation:**

None

**Areal Extent:**

Impacted an area 3 ft wide by 20 ft long

**Potential Environmental Impacts:**

None

**Action Taken or Planned:**

Flowline was shut in. Recovered standing fluid and impacted soil was removed.

**Wastes Disposal Location:** SWD and landfill

**Agencies Involved:**

**Updates**

---

**Date:** 4/2/2014      **Status:** Reviewed - Follow-up Required

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

According to the incident summary, this spill impacted areas off of location. Followup is necessary.

---

**Date:** 4/10/2014      **Status:** Inspection

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

4/10/14 - 14:45 on location. Trench along the north side of the lease road to the AO Erickson 3R injection well. Salt staining on the road. Photos with embedded GPS. Water in the open trench and oil scum at one end. Company contact not available by phone. Company pumper at nearby location indicated that the trench was still open, with soil piles along road edge because piles were still salt impacted. Pumper did not know if the water in the trench had been tested for salt. Will need to contact company environmental rep to determine additional facts.

---

**Date:** 9/24/2014    **Status:** Awaiting Documentation

**Author:** Roberts, Kris

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

9-24-14 - 13:00 on location. Company contact said on 4/10/14 that the soil excavated from around the leaking pipe would be hauled away to disposal. A question at that time was whether water (with some oil film) in the open trench would be pumped out and disposed of. Returning today, electrical conductivity probe indicated that from 3" to 18" below surface in the repair area, the soil registers 22 to 28 mS/cm (milli). In the undisturbed agricultural field 50 feet to the north, readings were 450 to 1,500 uS/com (micro). In the low ponding (and connected) area just to the west of the repair area, soil readings ranged from 2.5 to 4.5 mS/com in the 3" to 18 " depth. It is apparent that there is residual salt contamination remaining in the pipeline repair area. Denbury will need to perform and report on additional sampling in the repair area to depths of at least 12 inches below the pipe bury.

---

**Date:** 7/25/2016    **Status:** Inspection

**Author:** Martin, Russell

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

7/25/2016 at 15:10, on location. Like other Denbury sites in the area, current remediation step is to till the soil with an amendment of manure and gypsum, followed by water saturation. The next step will be a second tilling and second water saturation application. The site has been tilled up, and scattered weed growth is starting to appear in some of the tilled area. More follow-up required to monitor effectiveness of remediation.